

COLUMNAR SECTION

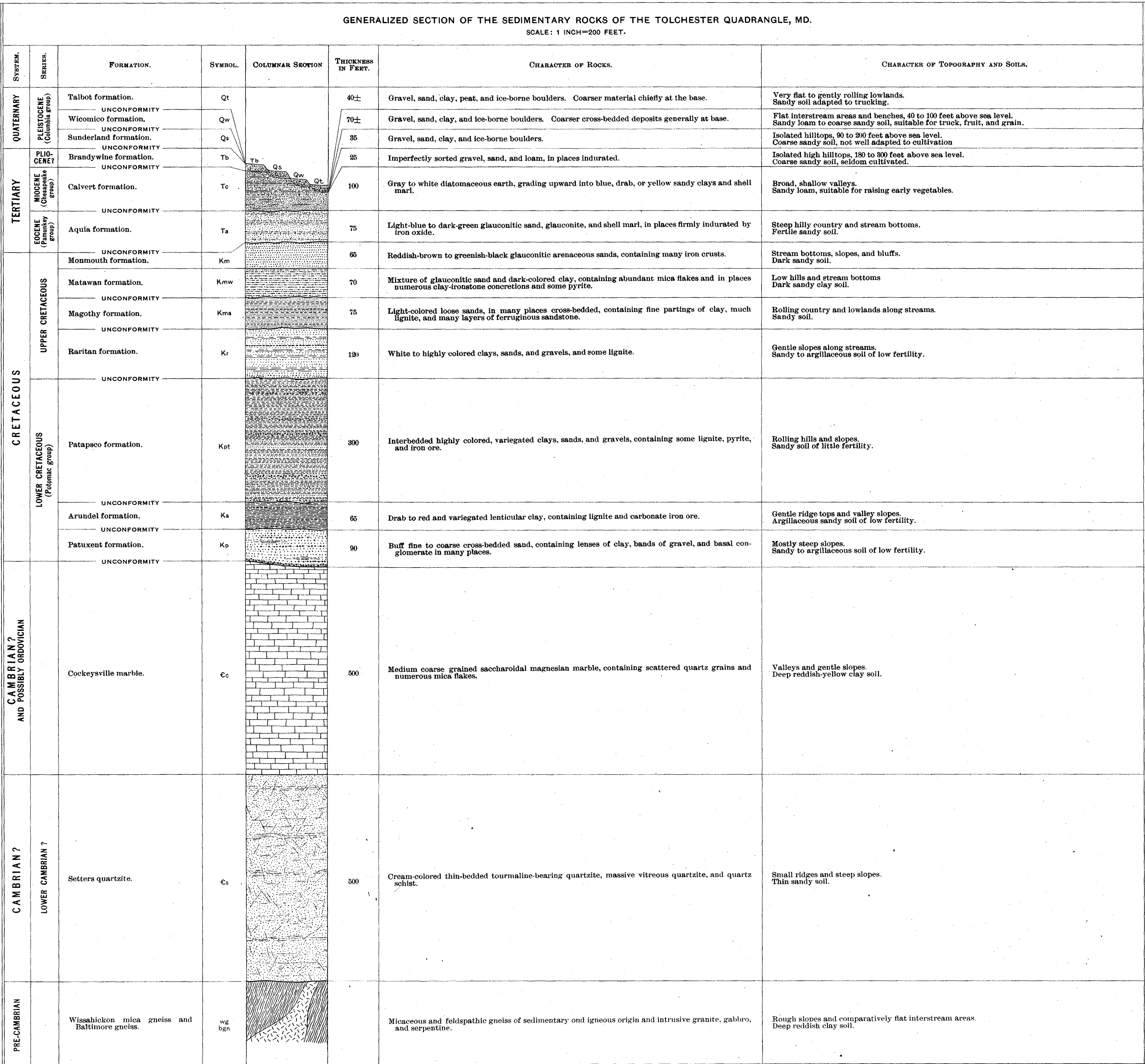






PLATE I.—IRREGULARITY IN BEDDING OF MOTTLED CLAY AND GRAVELLY SAND OF PATUXENT FORMATION IN CUT ON BALTIMORE & OHIO RAILROAD NEAR JOPPA, HARFORD COUNTY.



PLATE II.—VERTICALLY JOINTED CLAY OF RARITAN FORMATION IN WAVE-CUT CLIFF, WORTON POINT, KENT COUNTY.

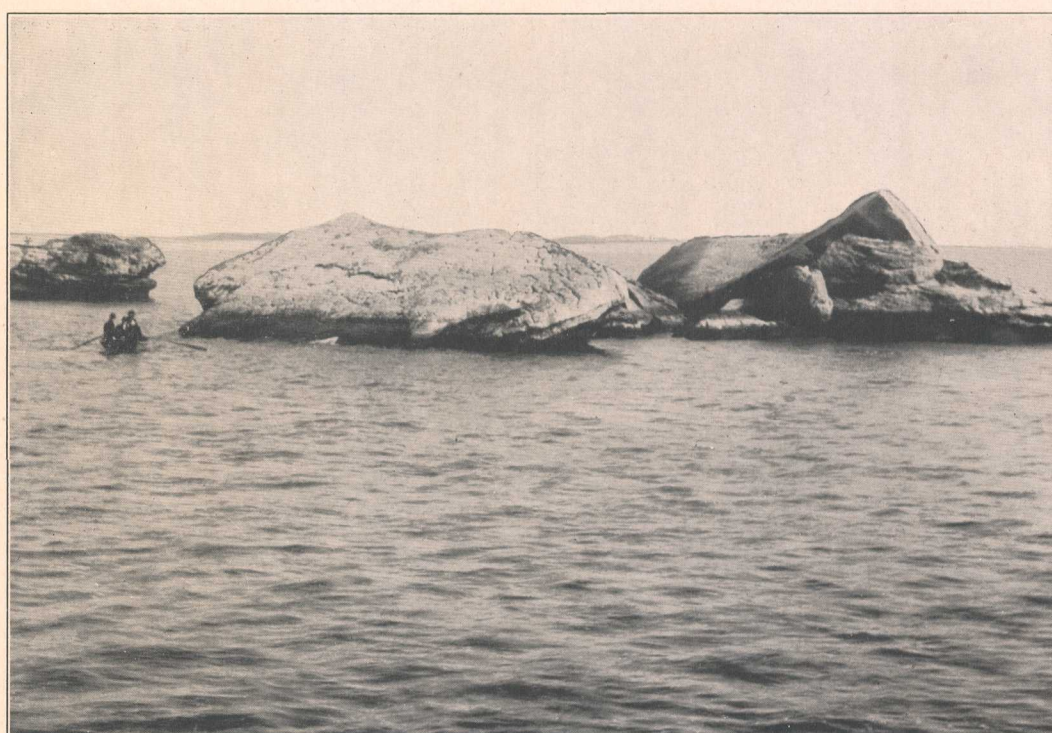


PLATE III.—EROSION REMNANTS OF WHITE QUARTZOSE SANDSTONE OF RARITAN FORMATION IN PATAPSCO RIVER OFF ROCK POINT, ANNE ARUNDEL COUNTY.  
Known as the White Rocks.



PLATE IV.—BLUFF OF CLAY MARL OF MATAWAN FORMATION UNDERLAIN BY MAGOTHY FORMATION NEAR GROVE POINT, CECIL COUNTY.  
The ledge is undercut by the removal of loose laminated sand of the Magothy formation by marine erosion.

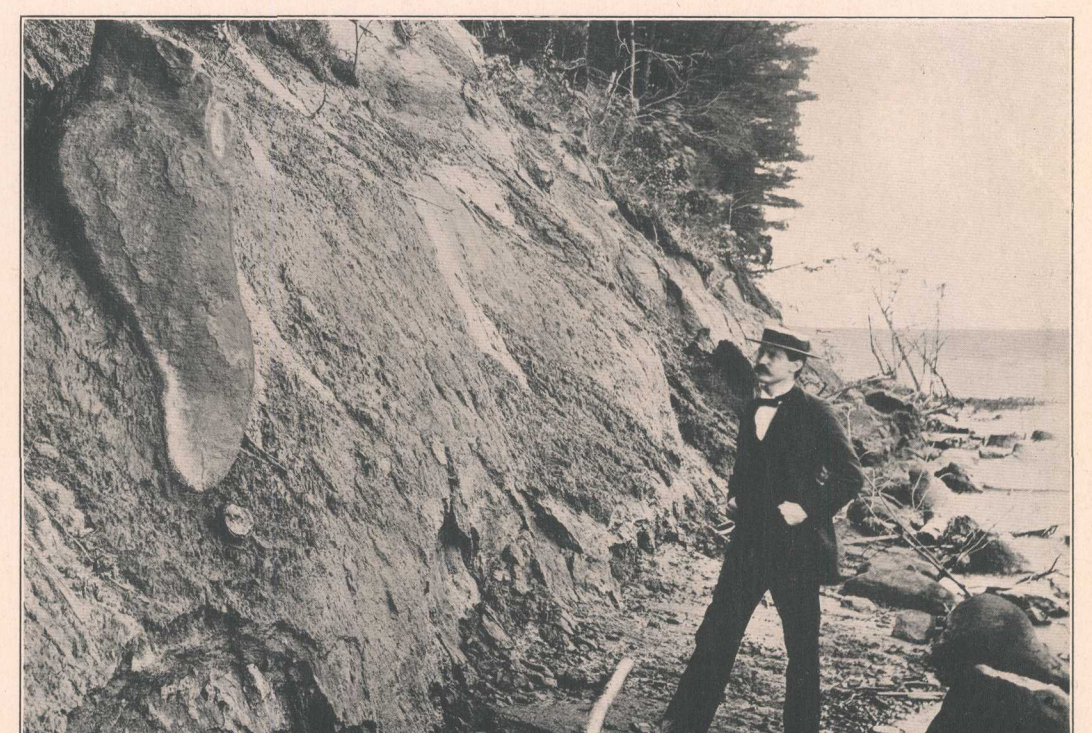


PLATE V.—MATAWAN FORMATION CONTAINING LARGE SEAL-SHAPED CONCRETIONS, ON SOUTH SHORE OF GIBSON ISLAND, ANNE ARUNDEL COUNTY.  
Concretions derived from the rock in the bluff by weathering lie along the beach. There is a large specimen of *Exogyra costata* just below the concretion in the bluff.



PLATE VI.—INDURATED FOSSILIFEROUS AQUIA FORMATION ON CHESTER RIVER, 2 1/2 MILES BELOW CHESTERTOWN, KENT COUNTY.  
Contains casts of large mollusks of Eocene age.

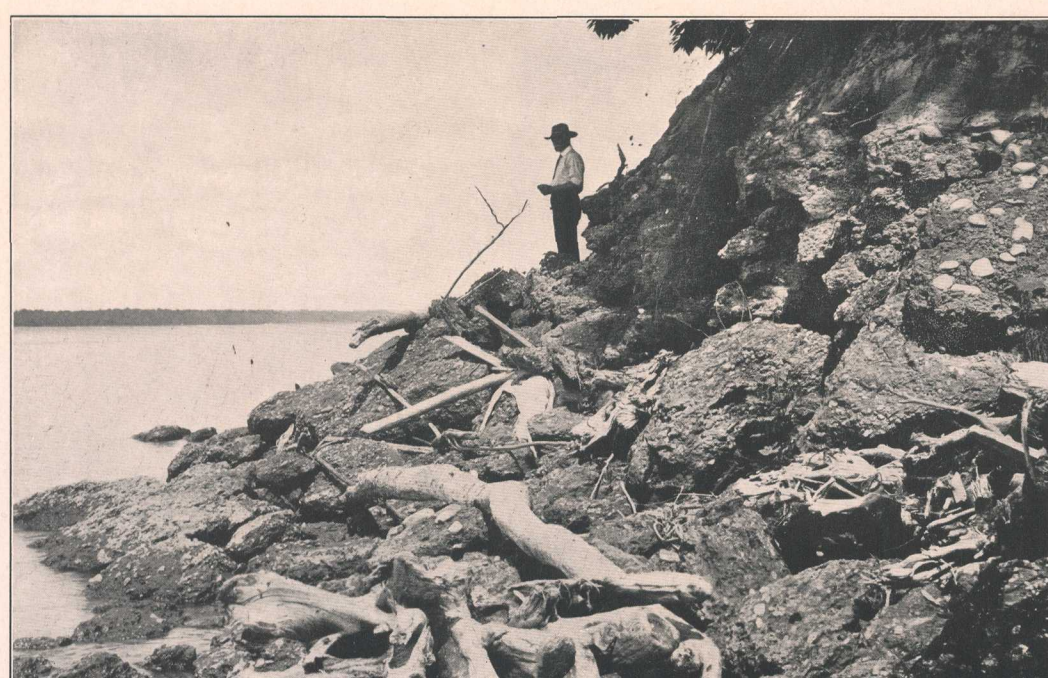


PLATE VII.—CONGLOMERATE IN WICOMICO FORMATION, NEAR BETTERTON, KENT COUNTY.  
The Wicomico formation extends below sea level at this point.



PLATE VIII.—RECENT MINOR FAULTING OF INTERBEDDED CLAY AND SAND OF TALBOT FORMATION ON MORGAN CREEK, KENT COUNTY.



PLATE IX.—BURIED FOREST IN TALBOT FORMATION REPRESENTED BY STUMPS OF TREES WHICH ARE EXPOSED BY RECENT EROSION ON SHORE SOUTH OF BODKIN POINT, ANNE ARUNDEL COUNTY.  
Large cypress stumps standing upright on the beach were embedded in peat of the Talbot formation. The 20-foot cliff has been cut back and the stumps uncovered during the last 30 years by marine erosion.



PLATE X.—SAND SPIT THAT FORMS BAR ACROSS MOUTH OF LLOYD CREEK, KENT COUNTY.  
View looking west from top of cliff opposite mouth of creek.